

Intermolecular Attractions (v3)

Teacher: mary kutcher

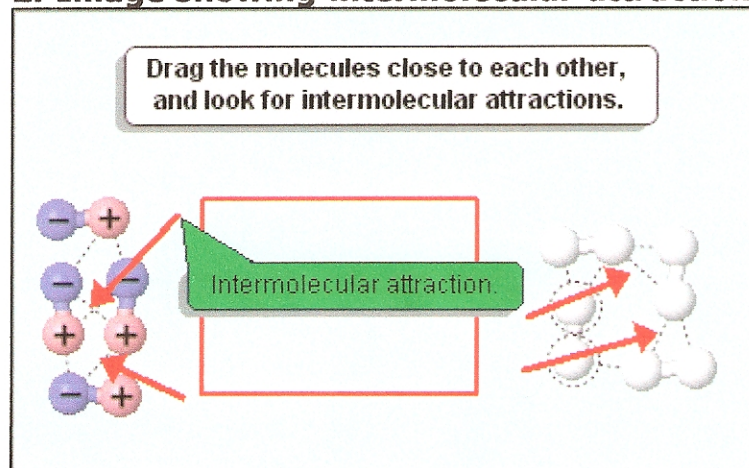
Class: Chem A, Period C - 09-10

Other Group Members:

1. What is the difference between polar and non-polar molecules? (Be sure to include more than the colors used to represent them in your response!)

Polar molecules have a constant positive side and negative. Non-polar molecules have only temporary positive and negative and the rest of the time have no charge.

2. Image showing intermolecular attractions:



3. Which of the following formed intermolecular attractions (check all that apply):

- + ends of polar molecules to - ends of other polar molecules
- non-polar molecules to other non-polar molecules
- non-polar molecules to + parts of polar molecules
- non-polar molecules to - parts of polar molecules

4. What is the primary attraction between NON-POLAR molecules:

- London Dispersion attraction

5. What is the primary attraction between POLAR molecules:

- dipole-dipole attraction

6. Which type of intermolecular attraction is strongest:

- dipole-dipole attraction